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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER SONN 88 US U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/556060
INTERNATIONAL APPLICATION NO. PCT/EP2004/004856	INTERNATIONAL FILING DATE 6 May 2004	PRIORITY DATE CLAIMED 7 May 2003
TITLE OF INVENTION S. AGALACTIAE ANTIGENS I + II		
APPLICANT(S) FOR DO/EO/US Andreas MEINKE; Eszter NAGY; Markus HANNER; Markus HORKY; Sabine KALLEND; Sonja PRUSTOMERSKY		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/556060</div>		INTERNATIONAL APPLICATION NO. PCT/EP2004/004856		ATTORNEY'S DOCKET NUMBER SONN:080US	
20. Other items or information: PCT Request (incl. Rule 4.17 declaration for purposes of the U.S.); Forms PCT/IB/304 & IB/308 (2); Forms PCT/IB/306 (2); PCT Publication WO 2004/099242 A2; International Search Report; Transmittal of Material Submitted on Compact Disc and Statement as Required under 37 CFR 1.52(e); Statement as Required under 37 CFR 1.821(f) and Statement as Required under 37 CFR 1.825(a)					
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations..... \$200				\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500				\$ 400.00	
TOTAL OF 21, 22 and 23 =				900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250	\$	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	23 - 20 =	3	x \$ 50	\$ 150.00	
Independent claims	3 - 3 =	0	x \$200	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 1,050.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
SUBTOTAL =				\$ 1,050.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$ 1,050.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$ 1,050.00	
				Amount to be refunded:	\$
				Amount to be charged	\$

10/556060

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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- IC20 Reg: PCT/PTO 07 NOV 2005
- a. ☒ A check in the amount of \$ 1,050.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1212. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer No. 32425

Express Mail No.: EV 674812745 US
Mailing Date: November 7, 2005

SIGNATURE

Mark B. Wilson

NAME

37,259

REGISTRATION NUMBER

IC20 Rec'd PCT/PTO 07 NOV 2005
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Andreas MEINKE *et al.*

Serial No.: To be assigned

Filed: Concurrently Herewith

For: S. AGALACTIAE ANTIGENS I + II

Group Art Unit: Unknown

Examiner: Unknown

Atty. Dkt. No.: SONN:080US

EXPRESS MAIL MAILING LABEL

NUMBER EV 674812745 US

DATE OF DEPOSIT November 7, 2005

**TRANSMITTAL OF MATERIAL SUBMITTED ON A COMPACT DISC AND
STATEMENT AS REQUIRED UNDER 37 C.F.R. § 1.52(e)**

MAIL STOP PCT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Commissioner:

Submitted herewith on a compact disc labeled "Copy 1" is the Sequence Listing in computer readable form of the captioned patent application. Also submitted herewith is a duplicate copy of the compact disc labeled "Copy 2." Each of Copy 1 and Copy 2 contain one 1,161 kb file entitled "SONN080US.APP.TXT" and were created on November 7, 2005, in PC format using MS Windows operating system. Copy 1 and Copy 2 are identical.

Respectfully submitted,



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Date: November 7, 2005

Doc Code: CDCHECK

**This form is to be used for PCT CD's
that are readable.**

ACKNOWLEDGEMENT OF RECEIPT OF FILES ON COMPACT DISC

The files indicated on the attached transmittal document were received by the USPTO, opened on a USPTO computer and were readable in accordance with 37 CFR 1.52 (e) (7).

Karen Smith (name of tester) 11/25/05 (date)